

CLAIMS

What is claimed is:

1. A power tool, comprising:
a motor housing for containing a motor configured to drive a working tool;
a base coupled to the motor housing, said base for supporting the motor housing on a surface; and
a generally L-shaped handle, having a connecting member and a grasping member, connected to the base, said handle for manipulating the power tool on a surface, wherein the grasping member is disposed proximal the motor housing.
2. The power tool of claim 1, wherein the base is a removable from the motor housing.
3. The power tool of claim 1, wherein the base includes:
a base sleeve including a generally cylindrical aperture therein for receiving the motor housing; and
a support member connected to the base sleeve, said support member for supporting the power tool on a workpiece,
wherein the generally L-shaped handle is connected to the base sleeve adjacent the interface of the base sleeve and the support member.
4. The power tool of claim 1, further comprising a universal grip coupled to the grasping member, said grip being configured to be grasped by various sized human hands.
5. The power tool of claim 1, further comprising a grip coupled to the generally L-shaped handle, said grip being at least one of coated on at least a portion of the generally L-shaped handle, frictionally secured to the generally L-shaped handle, and secured via a fastener to the generally L-shaped handle.

6. The power tool of claim 1, further comprising a generally oblong grip coupled to the generally L-shaped handle.
7. The power tool of claim 1, wherein the grasping member is substantially parallel to the motor housing.
8. The power tool of claim 1, wherein the generally L-shaped handle is removable.
9. The power tool of claim 1, wherein the generally L-shaped handle is connected to the base via a fastener.
10. The power tool of claim 1, wherein the grasping member includes a terminal zone for coupling a vacuum hose thereto.
11. The power tool of claim 1, further comprising a grip connected to the generally L-shaped handle, said grip being formed of vibration dampening material.
12. The power tool of claim 1, wherein the generally L-shaped handle includes a channel formed therethrough.
13. The power tool of claim 12, wherein the generally L-shaped handle is formed from shell portions.
14. The power tool of claim 1, wherein the grasping member is adjustably positionable.
15. The power tool of claim 1, wherein the grasping member is angled between 0° (zero degrees) and 20° (twenty degrees) from an axis normal to the connecting member.

16. The power tool of claim 1, wherein the connecting member is configured to support at least a portion of a human disposed between the motor housing and the grasping member.
17. The power tool of claim 1, wherein the power tool is configured to permit at least a portion of a user's hand to extend between the motor housing and the grasping member.
18. The power tool of claim 1, wherein the grasping member forms a back hand support for a user's hand when grasping at least a portion of the motor housing.

19. A removable base router, comprising:
 - a generally cylindrical motor housing for containing a motor configured to drive a working tool;
 - a base adjustably coupled to the motor housing, said base including:
 - a base sleeve including an aperture therein for receiving the motor housing; and
 - a support member connected to the base sleeve, said support member for supporting the router; and
 - a generally L-shaped handle, having a connecting member and a grasping member, configured to connect to the base sleeve, said handle for manipulating the power tool on a workpiece,wherein the grasping member is disposed proximal the motor housing.
20. The removable base router of claim 19, further comprising a universal grip coupled to the grasping member, said grip being configured for grasping by various sized human hands.
21. The removable base router of claim 19, further comprising a grip coupled to the generally L-shaped handle, said grip being at least one of coated on at least a portion of the generally L-shaped handle, frictionally secured to the generally L-shaped handle, and secured via a fastener to the generally L-shaped handle.
22. The removable base router of claim 19, further comprising a generally oblong grip coupled to the generally L-shaped handle.
23. The removable base router of claim 19, wherein the grasping member is substantially parallel to the motor housing.
24. The removable base router of claim 19, wherein the generally L-shaped handle is removable.

25. The removable base router of claim 19, wherein the generally L-shaped handle is connected to the base sleeve via a fastener.
26. The removable base router of claim 19, wherein the grasping member includes a terminal zone for coupling a vacuum hose thereto.
27. The removable base router of claim 19, further comprising a grip connected to the generally L-shaped handle, said grip being formed of vibration dampening material.
28. The removable base router of claim 19, wherein the generally L-shaped handle includes a channel formed therethrough.
29. The removable base router of claim 28, wherein the generally L-shaped handle is formed from shell portions.
30. The removable base router of claim 19, wherein the grasping member is adjustably positionable.
31. The removable base router of claim 19, wherein the grasping member is angled between 0° (zero degrees) and 20° (twenty degrees) from an axis normal to the connecting member.
32. The removable base router of claim 19, wherein the connecting member is configured to support at least a portion of a human disposed between the motor housing and the grasping member.
33. The removable base router of claim 19, wherein the router is configured to permit at least a portion of a user's hand to extend between the motor housing and the

grasping member.

34. The removable base router of claim 33, wherein the grasping member forms a back hand support for a user's hand when grasping at least a portion of the motor housing.

35. A removable router base, comprising:
a base sleeve including a generally cylindrical aperture therein for receiving a motor housing; and
a support member connected to the base sleeve, said support member for supporting the router base; and
a generally L-shaped handle, having a connecting member and a grasping member, configured to connect to the base sleeve adjacent the interface of the base sleeve and the support member, said handle for manipulating the power tool on a workpiece,
wherein the grasping member is disposed proximal the motor housing.
36. The removable router base of claim 35, further comprising a universal grip coupled to the grasping member, said grip being configured for grasping by various sized human hands.
37. The removable router base of claim 35, further comprising a grip coupled to the generally L-shaped handle, said grip being at least one of coated on at least a portion of the generally L-shaped handle, frictionally secured to the generally L-shaped handle, and secured via a fastener to the generally L-shaped handle.
38. The removable router base of claim 35, further comprising a generally oblong grip coupled to the generally L-shaped handle.
39. The removable router base of claim 35, wherein the grasping member is substantially parallel to the motor housing.
40. The removable router base of claim 35, wherein the generally L-shaped handle is removable.

41. The removable router base of claim 35, wherein the generally L-shaped handle is connected to the base via a fastener.
42. The removable router base of claim 35, wherein the grasping member includes a terminal zone for coupling a vacuum hose thereto.
43. The removable router base of claim 35, further comprising a grip connected to the generally L-shaped handle, said grip being formed of vibration dampening material.
44. The removable router base of claim 35, wherein the generally L-shaped handle includes a channel formed therethrough.
45. The removable router base of claim 44, wherein the generally L-shaped handle is formed from shell portions.
46. The removable router base of claim 35, wherein the grasping member is adjustably positionable.
47. The removable router base of claim 35, wherein the grasping member is angled between 0° (zero degrees) and 20° (twenty degrees) from an axis normal to the connecting member.
48. The removable router base of claim 35, wherein the connecting member is configured to support at least a portion of a human disposed between the motor housing and the grasping member.
49. The removable router base of claim 35, wherein the router base is configured to permit at least a portion of a user's hand to extend between the motor housing and the grasping member.

50. The removable router base of claim 35, wherein the grasping member forms a back hand support for a user's hand when grasping at least a portion of the motor housing.
51. The removable router base of claim 35, further comprising a securing mechanism for fixing the position of a received motor housing with respect to the router base.
52. The removable router base of claim 35, wherein the base sleeve includes a dust aperture located at the interface of the generally L-shaped hand and the base sleeve.

53. A removable router base, comprising:
- a base sleeve including a generally cylindrical aperture therein for receiving a motor housing;
 - a support member connected to the sleeve, said support member for supporting the router base, and
 - a generally L-shaped debris duct including a channel formed therein, said debris duct for connection about a debris aperture in the base sleeve,
- wherein the base sleeve includes a debris aperture adjacent the support member, the base being configured and arranged to direct debris through the debris duct.
54. The removable router base of claim 53, wherein the debris duct includes means for securing a vacuum hose thereto.
55. The removable router base of claim 53, wherein the debris duct channel includes a curvilinear segment at the intersection of the segments forming the L-shaped duct.

56. A removable router handle, comprising:
a connecting member configured to couple with a router base;
a grasping member, said grasping member being configured to dispose a user's hand proximal to a router base to which the router base handle is connected; and
a fastener configured to secure the connecting member to a router base,
wherein at least one of the fastener, the connecting member and the grasping member are configured to dispose a user's hand substantially parallel to a motor housing of router to which the router base handle is connected.
57. The removable router handle of claim 56, wherein the handle is substantially L-shaped.
58. The removable router handle of claim 56, further comprising a universal grip coupled to the grasping member, said grip being configured for grasping by various sized human hands.
59. The removable router handle of claim 56, wherein the grasping member is substantially parallel to the motor housing when coupled to the router base.
60. The removable router handle of claim 56, wherein the grasping member includes a terminal zone for coupling a vacuum hose thereto.
61. The removable router handle of claim 56, further comprising a grip connected to the generally L-shaped handle, said grip being formed of vibration dampening material.
62. The removable router handle of claim 56, wherein the generally L-shaped handle includes a channel formed therethrough.
63. The removable router handle of claim 56, wherein the grasping member is adjustably positionable.

64. A removable router base, comprising:
means for fixedly supporting a received motor housing at a desired elevation with respect to the removable router base;
means for permitting user manipulation of the router base proximal to the received motor housing, said manipulation means being connected to the supporting means.
65. The removable router base of claim 64, wherein the manipulation means is generally L-shaped.
66. The removable router base of claim 64, further comprising means for channeling dust and debris away from the router base.
67. The removable router base of claim 64, wherein at least a portion of the manipulation means is substantially parallel with the received motor housing.